

DRAFT

Nodaway County

Community Lake

Ten-Year Area Management Plan

FY 2017-2026



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OVERVIEW

- **Official Area Name:** Nodaway County Community Lake, # 6107
- **Year of Initial Acquisition:** 1962
- **Acreage:** 320 acres
- **County:** Nodaway
- **Division with Administrative Responsibility:** Wildlife
- **Division with Maintenance Responsibility:** Wildlife
- **Statements of Purpose:**
 - A. Strategic Direction**

The purpose of this area is to provide fishing and hunting opportunities for the public in and around the Maryville area.
 - B. Desired Future Condition**

The desired future condition of the lake is a lake in an agricultural environment that provides high quality fishing for multiple species, and other public uses along with excellent water quality.
 - C. Federal Aid Statement**

N/A

GENERAL INFORMATION AND CONDITIONS

- I. Special Considerations**
 - A. Priority Areas:** None
 - B. Natural Areas:** None

- II. Important Natural Features and Resources**
 - A. Species of Conservation Concern:** Species of conservation concern are known from this area. Area managers should consult the Natural Heritage Database annually and review all management activities with the natural history biologist.
 - B. Caves:** None
 - C. Springs:** None

- III. Existing Infrastructure**
 - Nodaway County Community Lake (fishing lake, 73 acres)
 - Concrete boat ramp
 - Fishing jetty, Americans with Disability Act (ADA) accessible
 - Privy (ADA accessible)
 - Three parking areas (one is ADA accessible).
 - One designated primitive camping area

- Hiking trails, 2.6 miles
- Five fishless ponds (1 acre total)

IV. Area Restrictions or Limitations

A. Deed Restrictions or Ownership Considerations: None

B. Federal Interest: Federal funds may be used in the management of this land. Fish and wildlife agencies may not allow recreational activities and related facilities that would interfere with the purpose for which the State is managing the land. Other uses may be acceptable and must be assessed in each specific situation.

C. Easements: None

D. Cultural Resource Findings: No known cultural resources.

E. Endangered Species: None observed.

F. Boundary Issues: None

MANAGEMENT CONSIDERATIONS

V. Terrestrial Resource Management Considerations

Challenges and Opportunities:

- 1) Protect species of conservation concern.
- 2) Control invasive species.
- 3) Improve quality of early successional wildlife habitat.

Management Objective 1: Protect species of conservation concern.

Strategy 1: Consult with natural history biologist prior to any new soil disturbance or vegetation management practices near species of conservation concern locations. (Wildlife)

Management Objective 2: Control invasive species.

Strategy 1: Annually treat sericea lespedeza, Johnson grass, Canada thistle, and any other invasive species. Apply treatments as is appropriate for the species and site. (Wildlife)

Management Objective 3: Increase and maintain quality of early successional habitat.

Strategy 1: Manage open lands using various wildlife management techniques, such as, but not limited to, prescribed fire, herbicides, native plantings, disking, and food plots. (Wildlife)

VI. Aquatic Resource Management Considerations

Challenges and Opportunities:

- 1) Provide quality sport fish populations.
- 2) Manage for native aquatic vegetation.
- 3) Prevent the infestation and spread of nuisance aquatic species.
- 4) Provide more fish habitat.
- 5) Protect the Nodaway County Community Lake watershed.
- 6) Maintain fishless ponds.

Management Objective 1: Manage for quality angling opportunities on the 73-acre lake.

Strategy 1: Conduct annual fish surveys to monitor for fishery quality. (Fisheries)

Strategy 2: Stock fish (channel catfish and hybrid striped bass), when needed to maintain quality angling opportunities. (Fisheries)

Strategy 3: Assess and modify creel and length limits, as needed, to maintain a quality fishery. (Fisheries)

Management Objective 2: Manage for native aquatic vegetation on area.

Strategy 1: Conduct native vegetation plantings on 73-acre lake. (Fisheries)

Strategy 2: Treat aquatic nuisance species with herbicide, as needed. (Fisheries)

Management Objective 3: Increase sport fish habitat in 73-acre lake.

Strategy 1: Install brush piles to enhance sport fish recruitment and add fish holding structures, as needed, in lake as natural fish structure deteriorates. (Fisheries)

Management Objective 4: Protect the Nodaway County Community Lake watershed.

Strategy 1: Maintain the existing grass and forest buffer along the shore of the lake and on Department owned land on each side of the main tributary that enters the lake. (Wildlife)

VII. Public Use Management Considerations

Challenges and Opportunities:

- 1) Maintain access to quality fishing
- 2) Provide primitive camping opportunities.
- 3) Maintain area hiking trails.

Management Objective 1: Maintain access to quality fishing.

Strategy 1: Maintain access to angling opportunities on 73-acre lake through maintenance of concrete boat ramp, fishing jetty, privy, and parking lot.
(Wildlife)

Management Objective 2: Provide opportunities for primitive camping.

Strategy 1: Maintain the primitive campground area (adjacent to Highway 148) in a condition that encourages camping by area users. (Wildlife)

Management Objective 3: Maintain hiking trails for public use and enjoyment.

Strategy 1: Maintain hiking trails according to the current Area and Facility Maintenance Policy located in the Department’s Resource Policy Manual.
(Wildlife)

VIII. Administrative Considerations

Challenges and Opportunities:

- 1) Maintain existing infrastructure.
- 2) Consider land acquisition, when available.

Management Objective 1: Maintain existing infrastructure.

Strategy 1: Maintain area facilities and grounds according to the current Area and Facility Maintenance Policy located in the Department’s Resource Policy Manual.
(Wildlife)

Lands Proposed for Acquisition:

When available, lands within the lake watershed may be considered for acquisition from willing sellers. Tracts that improve area access, provide public use opportunities, contain unique natural communities and/or species of conservation concern, or meet other Department priorities, as identified in the annual Department land acquisition priorities, may be considered.

MANAGEMENT TIMETABLE

All strategies for this management plan are considered ongoing.

APPENDICES

Area Background:

Nodaway County Community Lake is in Nodaway County. The area was donated to the Missouri Department of Conservation in 1962 by the Harris, Tobin, Neil, and Spriggs families. The purpose of the area was to create lake and angling opportunities for the public in the Maryville area.

The area features a 73-acre lake. Facilities at the lake include an ADA-accessible fishing jetty, privy, and parking area along with a concrete boat ramp.

Current Land and Water Types:

Land / Water Type	Acres	% of Area
Old field	100	31
Lakes/ponds	74	24
Grassland (non-native prairie)	60	19
Crop land	30	9
Forest and woodland	30	9
Other (roads, parking area, campground)	27	8
Total	320	100

Maps:

Figure 1: Area Map

Figure 2: Land Cover Map

Figure 1: Area Map

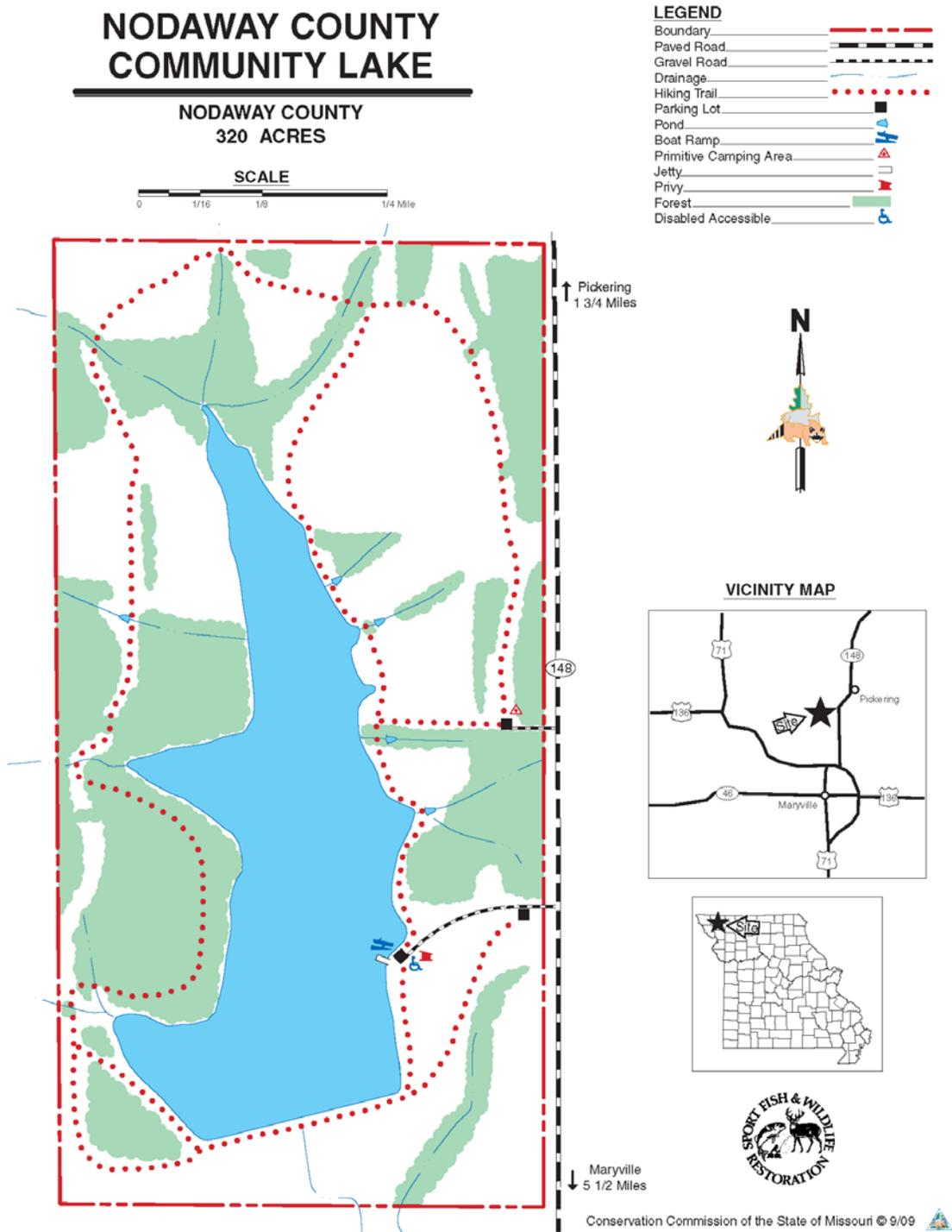
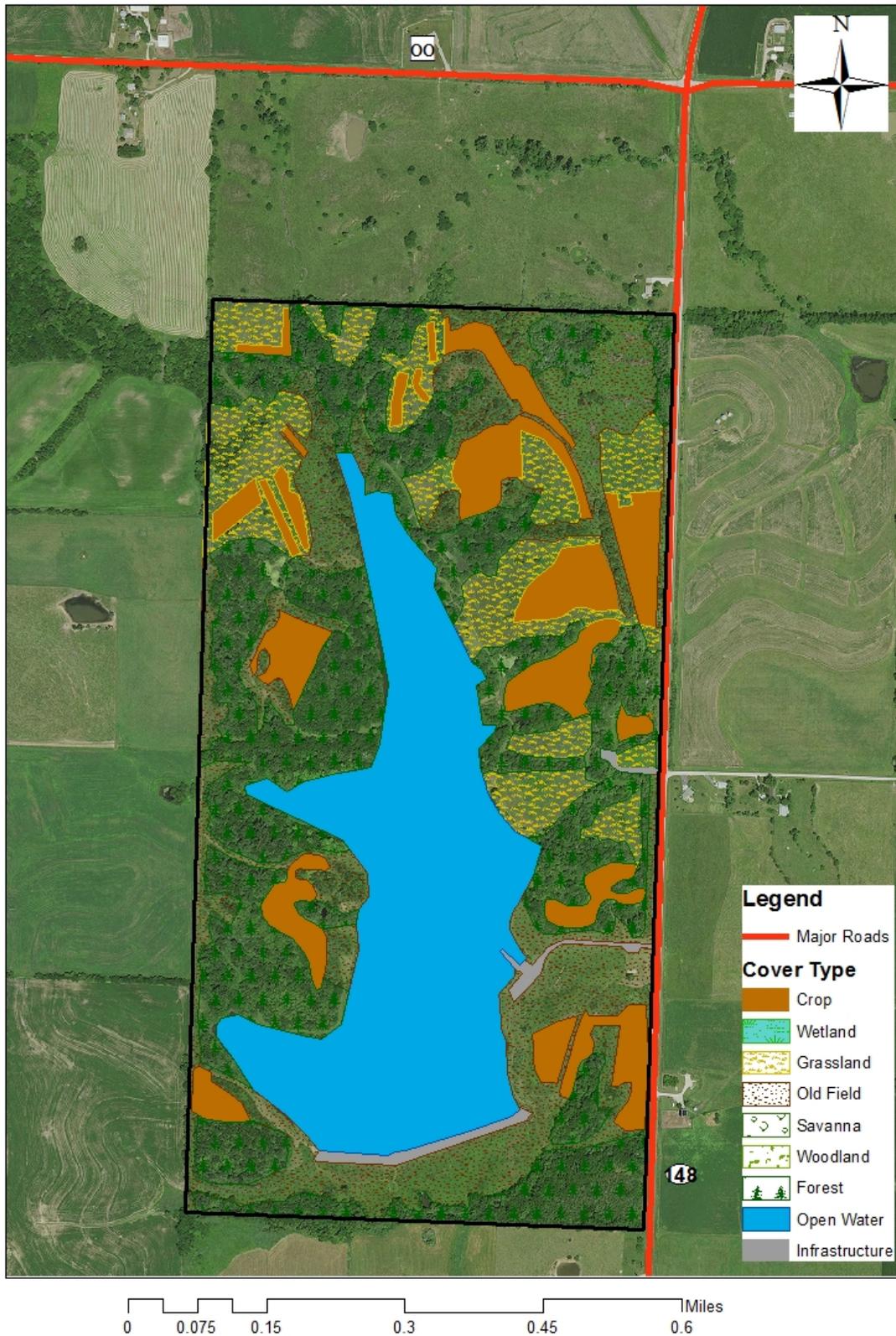


Figure 2: Land Cover Map



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